

5 FEB 1958

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TO : Acting Chief, Intelligence Information Staff, ST/I

THRU : Chief, Geographic Research Area, ORR
Chief, Geographic Division

FROM : Chief, Soviet Mapping Intelligence Staff

SUBJECT: IPC Targets on the USSR (see/I Notice #146)

USSR

Objective I-d

Soviet capabilities, plans, and intentions for the clandestine delivery of nuclear, biological, or chemical weapons against the US or key US overseas installations.

Surveying and MappingBackground

Ranges now attainable by Soviet jet aircraft and ballistic missiles draw attention to a basic positioning problem -- geodetically relating points that are widely separated on the earth's surface. To insure maximum bomb or warhead effectiveness at the target, large scale maps which give accurately the geodetic coordinates of launch point and target are essential. Although the entire area of the USSR has been mapped since 1945 at scale 1:100,000, based upon a new ellipsoid and a newly readjusted geodetic net, the US has not even a single sheet of this series. Responsibility for mapping the USSR is divided between two parallel civil and military organizations. Territorial coverage responsibility is divided between the two, with the smaller military organization responsible for critical defense areas including the border regions. Acquisition of this map coverage would provide the most comprehensive possible disclosure of the basic location of facilities and population in the USSR. As such the maps are absolutely essential to any development of effective reconnaissance and intelligence surveillance of guided missile launch sites, air bases and strategic facilities.

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Basic Guidance

Production, storage and distribution of maps is regionalized through a network of civilian and military Aerogeodetic Enterprises (Aerogeodezicheskiye Predpriyatiya -- AGP) and cartographic plants, and a geodetic inspection and control system. The latter together with the military tightly control the maps for military and civilian uses. Control is exercised through a strict accountability system. Access to these map sheets although possible through each of the regional units, is centrally located in the first two targets described below, the primary requirement is for the Soviet topographic series 1:100,000. Also of value would be geodetic catalog and trigonometric lists. Information on First-order surveying activities would be of value in the determination of guided missile launch sites and related offense installations.

<u>No.</u>	<u>Targets</u>	<u>Location</u>
1	Tsentral'nyy Kartografogeodezicheskiy fond, Glavnoye Upravleniye Geodezii i Kartografii (Central Cartographic-Geodetic Archives, Chief Administration of Geodesy and Cartography)	Moscow, Shelaputinskiy, per., 6

Will supply information indicating the extent and accuracy of the Soviet Geodetic net. Target is the central geodetic and mapping archive that collects and makes available to Soviet establishments and authorized personnel all geodetic data and large-scale topographic maps as needed. Requests for such maps and catalogs must be submitted in writing.

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<u>No.</u>	<u>Targets</u>	<u>Location</u>
2.	Upravleniye Gosudarstvennogo Geodesicheskogo Nadzora of the Glavnoye Upravleniye Geodesii i Kartografii, MVD (Administration of State Geodetic Control of the Chief Administration of Geodesy and Cartography)	Moscow, Shela- putinskiy, per., 6

This organization and its Otdely are the administration agency that exercises control over all geodetic and cartographic work in the USSR. The central headquarters are believed to contain a complete file of geodetic catalogs and large-scale topographic works. More uniquely, the headquarters of this organization is a prime source for information on geodetic and cartographic plans and work that will be undertaken in connection with the positioning of medium-and long-range guided-missile launching sites.

3.	Voyenno-topograficheskoye Upravleniye [VTU] (Military Topographic Administration)	Location unknown
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The VTU is attached to the 7th Department of the General Staff which shares full policy responsibility for surveying and mapping with the civilian Chief Administration of Geodesy and cartography, MVD. The VTU also assumes primary responsibility for surveying and mapping in critical defense areas, particularly the border regions as well as special areas within the country. As such it becomes a key target for information on the plans and programs for the surveying and mapping of critical defense areas. As such these would constitute significant indicators on the disposition and extent of air and ground bases, and eventually on the establishment of medium- and long-range guided missiles.

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<u>No.</u>	<u>Targets</u>	<u>Location</u>
4.	Otdely Gosudarstvennogo Geodezicheskogo Nadzora MVD /Formerly Upolnomochennyye GUOK pri Sovetakh Ministrov respublik, krayevykh i oblastnykh Ispolkomakh Sovetov Deputatov Trudyashchikhiya/ (Divisions of the State Geodetic Control MVD) /formerly Plenipotentiaries of the Chief Administration of Geodesy and Cartography Attached to the Councils of Ministers of Republics, and Kray and Oblast Executive Committees of Council of Workers' Deputies/)	Moscow Shelaputinskiy per., 6
		Leningrad, Ul. Dzerzhinskogo, 34
		Kirov, Ul. Kirova, 23
		Minsk, Dom Pravitel'stva, Konn. 48
		Tashkent, Uzbekistanskaya Ul., No. 1
		Alma-Ata Kopal'skiy Trakt, 46
		Yerevan, Ul. Abovyana, 87
		Tbilisi, Pushkinskaya Ul., 3

Territorial administration of control of the Administration of State Geodetic Control occurs through regional units (Otdely) who operate on a compartmentalized basis. Each such unit becomes a source for geodetic and cartographic materials and information but only for the area of its responsibility.

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<u>No.</u>		<u>Location</u>
5.	Voyenno-topograficheskaya Sluzhba <u>[VTS]</u> , (Military Topographic Service)	Unknown

This is the basic subdivision of the VTU directly responsible for geodetic and topographic production in areas assigned to the military. It is believed to be comparable to the Upravleniye Topografo-Geodezicheskoy Sluzhby (Administration of the Topographic-Geodetic Service) of the Chief Administration of Geodesy and Cartography, MVD.

6.	Aerogeodezicheskiye Predpriyatiya <u>[abbreviated as AGP]</u> , GUGK, MVD (Aerial- Geodetic Establishments, Chief, Administration of Geodesy and Cartography, MVD)	Moscow, Moskovskoye AGP (Address unknown)
		Leningrad, Severo-Zapadnoye AGP Fontanka, 33/35
		Novosibirsk, Novosibirskoye AGP (Address unknown)
		Tashkent, Sredne-Aziatskoye AGP (Address unknown)
		Kiyev, Ukrainskoye AGP (Address unknown)

The AGP are the geodetic and topographic surveying and map compiling units of the civilian Chief Administration of Geodesy and Cartography. Operating on a compartmentalized regional basis, they are important sources for geodetic data, topographic maps, and geodetic surveying programs and activities.

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